

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. JW North America, Inc.</p> <p>2. 233 Libbey Industrial Parkway Weymouth, MA 02189-3101</p>	<p>In accordance with letter dated November 14, 2017.</p> <p>3. License number: 20-23981-01E is amended in its entirety to read as follows:</p> <p>4. Expiration Date: March 31, 2020</p> <p>5. Docket No.: 030-38187 Reference No.:</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Krypton-85</p>	<p>7. Chemical and/or physical form</p> <p>A. Gas</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No Possession Authorized</p>	<p>9. Authorized use</p> <p>A. In accordance with 10 CFR 32.14, the licensee is authorized to distribute lamps containing no more than 30 microcuries of krypton-85 per lamp, to persons who are exempt from the requirements under 10 CFR 30.15, or equivalent regulations of any Agreement State.</p>
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**CONDITIONS**

10. This license does not authorize possession or use of licensed material.

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SUPPLEMENTARY SHEET**License Number  
20-23981-01EDocket or Reference Number  
030-38187

Amendment No. 5

11. The licensee may distribute licensed material from its facilities located at 980 Cobb Place Blvd. N.W., Suite 200, Kennesaw, Georgia, 30144-4805
  12. The licensee shall submit periodic reports as specified in Section 32.16, 10 CFR Part 32.
  13. Notwithstanding the labeling requirements of Section 32.15(d), Part 32 as it applies to individual lamps, the licensee shall label each immediate lamp container in accordance with 10 CFR 32.15(d) and as described in the licensee's application dated November 14, 2017.
  14. Except as specifically provided otherwise by this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
    - A. Application dated November 5, 2009 (ML093270186);
    - B. Letter dated February 11, 2010;
    - C. Letter dated March 8, 2010 (ML102350497);
    - D. Letter dated June 3, 2010 (ML101590780);
    - E. Letter dated August 5, 2010 (ML102350203);
    - F. Letter dated July 6, 2011 (ML111930202);
    - G. Letter dated February 27, 2012 (ML120650073);
    - H. Letter dated November 14, 2017 (ML17332A087).
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